

WHAT IS CLAIMED IS:

1. A method for automatically configuring a technology module, for representing and controlling a technical process system that is connected to a computer user station via at least one interface for transferring data, comprising:

a user specifying the type of at least one process element of the process system and the start address of a memory module associated with the process element; and

automatically completing the technology module by allocating at least one of a signaling element, an archive data element and a picture element to the process element,

wherein the technology module and the at least one signaling element, archive data element or picture element are stored as a logically connected unit; and

wherein the logically connected unit is centrally processed and managed.
2. The method as claimed in Claim 1, wherein the data comprises at least one of process data, state data, open-loop data, and closed-loop control data.
3. The method as claimed in Claim 1, wherein a plurality of types of process elements are stored in a library.
4. The method as claimed in Claim 3, wherein the library is provided in the computer user station.
5. The method as claimed in Claim 1, wherein the at least one signaling element, archive data element or picture element is assigned respectively to individual types of process elements.

6. The method as claimed in Claim 5, wherein the at least one signaling element, archive data element or picture element is assigned to a group of types of process elements.

7. The method as claimed in Claim 5, further comprising modifying the allocation of the signaling element, archive data element or picture element to the individual types of process elements.

8. The method as claimed in Claim 6, further comprising modifying the allocation of the signaling element, archive data element or picture element to the group of types of process elements.

9. The method as claimed in Claim 1, wherein the signaling element is configured to detect object-specific signals of the process element in the computer user station.

10. The method as claimed in Claim 1, wherein the archive data element is configured to archive at least one of state data or process data of the process element in the computer user station.

11. The method as claimed in Claim 1, wherein the picture element is configured to display at least one of object-specific signals, state variables or process variables of the process element on the user interface of the computer user station.